

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit 1806 :
In re application of :
HITOSHI NAGAOKA : INHIBITOR OF HEPATITIS B
Serial No. 08/257,355 : AND HIV ACTIVITY
Filed June 9, 1994 :

Pittsburgh, Pennsylvania
September 9, 1994

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

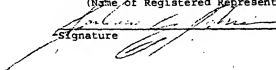
Sir:

Pursuant to 37 C.F.R. §§1.97-1.98, Applicant hereby submits this Information Disclosure Statement which includes a completed Form PTO-1449 and one (1) copy of each prior art reference listed thereon. In addition, English abstracts of the Japanese Patent Nos. 60-23826/1985; 4-35149/1992; and 4-6171/1992 are enclosed.

The references identified in Form PTO-1449 are referred to on pages 2, 3 and 10 of the specification and are relevant for the reasons stated therein. Applicant cited pp. 317-331 of the "Antiviral Research" reference in the specification. However, Applicant is enclosing only pages 317, 321 and 322 of this

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on September 9, 1994.

Barbara E. Johnson, Registration No. 31,198
(Name of Registered Representative)


Signature Date 09/09/94

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reference in this Information Disclosure Statement. Page 317 is the first page of the reference and pages 321 and 322 contain the only passages of relevance.

Pursuant to 37 C.F.R. §1.97(b)(1), no fee is believed to be due for the submission of this Information Disclosure Statement as it is being submitted within three months of the filing date of the patent application. Nevertheless, the Commissioner of Patents and Trademarks is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-650 or refund any overpayment in the form of a check. One original and two copies of this Information Disclosure Statement are enclosed.

Examination and allowance of claims 1-4 and 8-10 are respectfully submitted.

Respectfully submitted,

WEBB ZIESENHEIM BRUENING LOGSDON
ORKIN & HANSON, P.C.

By 

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
1217/940247SERIAL NO.
08/257,355INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Hitoshi NAGAOKA

(Use several sheets if necessary)

FILING DATE
June 9, 1994GROUP
Art Unit 1806

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
		YES	NO											
	AL	6	0	2	3	8	2	6	06/10/85	Japan	A23 L 2	38	x	
	AM			4	6	1	7	1	02/05/92	Japan	A61 K35	84	x	
	AN		4	3	5	1	4	9	06/10/92	Japan	A23 L 2	38	x	
	AO													
	AP													

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	Tetsuo Taguchi et al., BIOETHERAPY, Vol. 2, No. 3 (1988) pp. 509-521
	AR	Harumi Suzuki et al., <i>Inhibition of the Infectivity and Cytopathic Effect of Human ...</i> , BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, Vol. 160, No. 1 (1989) pp. 367-373
	AS	Harumi Suzuki et al., <i>Structural Characterization of the Immunoactive and Antiviral ...</i> , Agric. Biol. Chem., Vol. 54, No. 2 (1990) pp. 479-487

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 1217/940247	SERIAL NO. 08/257,355
	APPLICANT Hitoshi NAGAOKA	
	FILING DATE June 9, 1994	GROUP Art Unit 1806

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							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	Yoshio Inouye et al., <i>In Vitro Antiviral Activity of Polyoxomolybdates ...</i> , <i>Antiviral Research</i> , Vol. 20 (1993) pp. 317, 321-322
AR	
AS	

EXAMINER

DATE CONSIDERED

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